Medium Term Plan: Supporting Implementation of LTP/Progression Grid

Subject: Computing – Autumn 1
Year: Year 5 – Search Engines

NC/PoS:
- How search engines work.
- Anyone can create a website; therefore, people should take steps to check the validity of websites.
- Web crawlers are computer programs that crawl through the internet.
- What copyright is.

Prior Learning (what pupils already know and can do)
- Understand the need to be thoughtful when working on a collaborative document.
- Use comments to suggest changes to a document and understand how to resolve comments.
- Use a variety of different slide styles to convey information, including images and transitions.
- Create a Google Form with a range of different question types that will provide different types of answers, e.g. text, multiple choice or numerical values.
- Export data to a spreadsheet, highlighting data, using conditional formatting and calculating averages and sums of numbers.

End Points (what pupils MUST know and remember)
- Explain what a search engine is, suggest several search engines to use and explain how to use them to find websites and information.
- Suggest that things online are not always true and recognise what to check for.
- Explain why keywords are important and what TASK stands for, using these strategies to search effectively.
- Recognise the terms 'copyright' and 'fair use' and combine text and images in a poster.
- Make parallels between book searching and internet searching, explaining the role of web crawlers and recognising that results are rated to decide rank.

Key Vocabulary
- algorithm
- copyright
- credit
- fake news
- inaccurate
- index
- keywords
- online
- page rank
- search engine
- TASK
- web crawler
- website
- www

Session 1 – To understand what a search engine is and how to use it.
Searching basics
Testing searching skills by finding specific websites or information as fast as possible.

Session 2 - To be aware that not everything online is true.
Inaccurate information.
Understanding that not everything online is true.

Session 3 - To search effectively. Web quest Learning how to quickly find relevant information on a specific topic.
Session 4 - To create an informative poster. Information poster. Ensuring appropriate credit for images and videos is used when creating an information poster.
Future learning this content supports: Computer systems and networks: Bletchley Park and the history of computers,